## Rec'd POT/PTO 07 OCT 2005

US Case PN/4 -32436A

DEC	DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION					
X	Original:	□ Su	upplemental			Substitute
Asa	a below named invento	or, I hereby decla	are that:			
Му	residence, post office a	address and citiz	zenship are as stat	ed below next to	my	name, and
and	elieve I am the original, joint inventor (if more which a United States	than one name	e is listed below) of	f the subject mat	celov tter v	v) or an original, first vhich is claimed and
Us	e of Mob-5 in pain					
the	specification of which:					
	is attached hereto.					
	was filed on	(day/month/	as Applicat	ion No.		
	and, if this box (□	) contains an 🗴				
	□ was amen		nonth/year)			
×	was filed as Paten	t Cooperation T	reaty international	Application No.		
	PCT/EP03/03469	or	02.04.2003 (day/month/ye			
	and, if this box (□ □ entered th	•	in the United State	•	rded	Application No.
	and, if this box (□	) contains an ×	<del></del>			
	•	•	t to entry into the r	ational stage, or	n	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

(day/month/year)

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	Р	RIORIT	Y CLA	IMED	
				Yes		No	
				Yes		No	
				Yes		No	
				Yes		No	
				Yes		No	
I hereby claim the benefi listed below:	it under 35 U.S.C. 119(e) (	of any United States pro	visio	nal appli	ication	(s)	
APPLICATION NO.		FILING DATE (day/month/year)	· · ·		-		
60/369893		03.04.2002					

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

United States	United States	Status (Pending,	Interna	ational
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)	• •	(day/month/year)

US

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box ((2)) contains an x , I hereby authorize the registered practitioners associated with Customer No 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full Fr f	name of sole irst joint inventor	Jane BARCLAY	
Inv	entor's signature	Jave Barday Date	19 1 05 (day/month/year)
Res	sidence	London, WC1E 6BN, Great Britain	•
Citi	zenship	Great Britain	
Pos	st Office Address	Novartis Institute for Medical Sciences 5 Gower Place London, WC1E 6BN Great Britain	
	I name of second at inventor, if any	Francis Paul BUXTON	ı
Inv	entor's signature	Date	(day/month/year)
Re	sidence	Winchester, MA 01890, USA	
Cit	izenship	Great Britain	
Ро	st Office Address	376 Highland Avenue Winchester, MA 01890 USA	
Cit	izenship	Great Britain  376 Highland Avenue Winchester, MA 01890	

### US Case PN/4 -32436A

_				
30	Full name of third joint inventor, if any	Pamposh GANJU		
	Inventor's signature		Date	(dayler add (ass)
			1	(day/month/year)
	Residence	London, WC1E 6BS, Great Britain	N	
	Citizenship	Great Britain		
	Post Office Address	Novartis Institute for Medical Sciences 5 Gower Place London, WC1E 6BN Great Britain		
Q-1	Full name of fourth joint inventor, if any	François Jean-Charles NATT		
	Inventor's signature		Date	
				(day/month/year)
	Residence	4147 Aesch, Switzerland		
	Citizenship	France		
•	Post Office Address	Traugott Meyer-Strasse 5 4147 Aesch Switzerland		
5.0	Full name of fifth joint inventor, if any	Chuanzheng SONG		
	Inventor's signature		Date -	(day/month/year)
	Residence	Southborough, MA 01772, USA		
•	Citizenship	China		
	Post Office Address	11 Fiddleneck Lane Southborough, MA 01772 USA		

\_			
by	Full name of sixth joint inventor, if any	Jan WEILER	
	Inventor's signature	Dat	e (day/month/year)
	Residence	79541 L <u>örrach-H</u> aagen, Germany	
	Citizenship	Germany	
	Post Office Address	Kandelstrasse 4 79541 Lörrach-Haagen Germany	
Ø.	Full name of seventh joint inventor, if any	William Leonard WISHART	
	Inventor's signature	Dat	e (day/month/year)
	Residence	4123 Allschwil, Switzerland	·
	Citizenship	Switzerland	
	Post Office Address	Neuweilerstrasse 16 4123 Allschwil Switzerland	
	Full name of eighth joint inventor, if any		
	Inventor's signature	Da	(day/month/year)
	Residence		
	Citizenship		
	Post Office Address		

# 10/509954 Rec'd PT/PTO 07 OCT 2005

#### **DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION**

×	Original		Supplemental		Substitute			
As a	a below named i	nventor, I hereby de	eclare that:		·			
Му	y residence, post office address and citizenship are as stated below next to my name, and							
and	joint inventor (if	more than one nar	le inventor (if only one ne is listed below) of tl on the invention entitle	ne subject matter wh				
Use	of Mob-5 in	pain						
the	specification of v	which:						
	is attached h	nereto.						
	was filed on	(day/mor	as Applicati	on No				
	and, if this b	ox (□) contains an	×					
	□ was	amended on (da	y/month/year)					
×	was filed as	Patent Cooperation	n Treaty international A	opplication No.				
	PCT/EP03/0	3469	on 02.04.2003 (day/month/ye					
	and, if this b	ox (□) contains an	<b>x</b>					
	☐ ente	ered the national sta	ge in the United State	s and was accorded	Application No.			
	and, if this b	ox (□) contains an	×					
	□ was	amended, subsequ	ent to entry into the na	ational stage, on				
				_	(day/month/year)			

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

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- 5

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORIT	Y CLAIMED
			□ Yes	□ No
•			☐ Yes	□ No
		-	☐ Yes	□ No
•			☐ Yes	□ No
			☐ Yes	□ No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

APPLICATION NO.	FILING DATE (day/month/year)

60/369893

03.04.2002

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

1	United States	United States	Status (Pending,	Interna	itional
ı	Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
		(day/month/year)	Patent No.)		(day/month/year)

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box ( $\square$ ) contains an x  $\boxtimes$ , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

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Full name of sole or first joint inventor	Jane BARCLAY		
Inventor's signature		Date	(day/month/year)
Residence	London, WC1E 6BN, Great Britain		
Citizenship	Great Britain		
Post Office Address	Novartis Institute for Medical Sciences 5 Gower Place London, WC1E 6BN Great Britain		
Full name of second joint inventor, if any	Francis Paul BUXTON		
Inventor's signature	Franke Busky	Date -	· ( Nov 200 4 (day/month/year)
Residence	Winchester, MA 01890, USA		
Citizenship	Great Britain		
Post Office Address	376 Highland Avenue Winchester, MA 01890 USA		·

Full name of third joint inventor, if any	Pamposh GANJU		
Inventor's signature		Date -	(day/month/year)
			(uay/monut/year)
Residence	London, WC1E 6BS, Great Britain		
Citizenship	Great Britain		
Post Office Address	Novartis Institute for Medical Sciences 5 Gower Place London, WC1E 6BN Great Britain		
Full name of fourth joint inventor, if any	François Jean-Charles NATT,		
Inventor's signature		Date -	(day/month/year)
Residence	4147 Aesch, Switzerland		·
Citizenship	France		
Post Office Address	Traugott Meyer-Strasse 5 4147 Aesch Switzerland		
Full name of fifth joint inventor, if any	Chuanzheng SONG		
Inventor's signature	5 on Chnomshard	Date .	/ Nov. 2004 (day/month/year)
Residence	Southborough, MA 01772, USA	,	·
Citizenship	China		
Post Office Address	11 Fiddleneck Lane Southborough, MA 01772 USA		

US

Receipting 07 007 our

Full name of sixth joint inventor, if any	Jan WEILER		
Inventor's signature	·	Date -	(day/month/year)
Residence	79541 Lörrach-Haagen, Germany		
Citizenship	Germany		
Post Office Address	Kandelstrasse 4 79541 Lörrach-Haagen Germany		
Full name of seventh joint inventor, if any	William Leonard WISHART		
Inventor's signature		Date .	(day/month/year)
Residence	4123 Allschwil, Switzerland		
Citizenship	Switzerland		
Post Office Address	Neuweilerstrasse 16 4123 Allschwil Switzerland		
Full name of eighth joint inventor, if any			
Inventor's signature		Date	(day/month/year)
Residence			
Citizenship			
Post Office Address			

US Case PN/4 -32436A

## DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

×	Original		Supplemental		Substitute
As a	a below named inventor, I h	nereby de	eclare that:		
	residence, post office addr	-		ed below next to my	name, and
l be and	lieve I am the original, firs joint inventor (if more than ch a United States patent is	t and sol	le inventor (if only one ne is listed below) of t	e name is listed belo he subject matter wh	w) or an original, first
Us	e of Mob-5 in pain				
the	specification of which:				
	is attached hereto.				
	was filed on	(day/mor	as Applicat	ion No.	
	and, if this box (□) cor	ntains an	×		
	□ was amended				
		(da	ay/month/year)		N.
×	was filed as Patent Co	operatio	n Treaty international	Application No.	
	PCT/EP03/03469		on 02.04.2003 (day/month/ye		
	and, if this box (□) co	ntains an	*		
	entered the na	itional sta	age in the United State	es and was accorded	Application No.
	and, if this box (□) co	ntains an	*		
	☐ was amended	, subseq	uent to entry into the r	national stage, on	(day/month/year)

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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	Р	RIORITY	CLA	IMED
				Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No
I hereby claim the benefit below:	t under 35 U.S.C. 119(e) o	f any United States prov	isiona	al applica	tion(s	) listed
APPLICATION NO.		FILING DATE (day/month/year)				
60/369893		03.04.2002				

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Citizenship	Great Britain		
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Full name of second joint inventor, if any	Francis Paul BUXTON		
Inventor's signature		Date -	(day/month/year)
Residence	Winchester, MA 01890, USA		
Citizenship	Great Britain		
Post Office Address	376 Highland Avenue Winchester, MA 01890 USA		

**Switzerland** 

Full name of fifth joint inventor, if any

**Chuanzheng SONG** 

Inventor's signature

**Date** 

(day/month/year)

Residence

Southborough, MA 01772, USA

Citizenship

China

**Post Office Address** 

11 Fiddleneck Lane

Southborough, MA 01772

**USA** 

Full name of sixth joint inventor, if any	Jan WEILER		
Inventor's signature		Date -	(day/month/year)
Residence	79541 Lörrach-Haagen, Germany		
Citizenship	Germany		
Post Office Address	Kandelstrasse 4 79541 Lörrach-Haagen Germany	· · · · · · · · · · · · · · · · · · ·	
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Inventor's signature		Date	(day/month/year)
Residence	4123 Allschwil, Switzerland		
Citizenship	Switzerland		
Post Office Address	Neuweilerstrasse 16 4123 Allschwil Switzerland		
Full name of eighth joint inventor, if any			
Inventor's signature		Date	(day/month/year)
Residence			
Citizenship			
Post Office Address	·		

### **DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION**

×	Original		Supplemental		Substitute
As a	a below named invento	or, I hereby de	eclare that:		
Му	residence, post office a	address and o	citizenship are as state	d below next to my	name, and
and	lieve I am the original, joint inventor (if more ch a United States pate	than one nan	ne is listed below) of th	e subject matter wh	
Use	e of Mob-5 in pain				
the	specification of which:				
	is attached hereto.				
	was filed on	(day/mon	as Application	on No.	
	and, if this box (□)	) contains an	×		
	□ was amen		y/month/year)		·
×	was filed as Patent	t Cooperation	Treaty international A	pplication No.	
	PCT/EP03/03469		on <b>02.04.2003</b> (day/month/yea	ur)	
	and, if this box (□)	) contains an	*		
	☐ entered the	e national sta	ge in the United States	and was accorded	Application No.
*	and, if this box (□)	) contains an	<u>*</u>		
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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	P	RIORITY	' CLA	IMED
				Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No
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APPLICATION NO.		FILING DATE (day/month/year)				

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03.04.2002

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Full name of sole or first joint inventor	Jane BARCLAY		
Inventor's signature		Date _	(day/month/year)
Residence	London, WC1E 6BN, Great Britain		
Citizenship	Great Britain		
Post Office Address	Novartis Institute for Medical Sciences 5 Gower Place London, WC1E 6BN Great Britain		·
Full name of second joint inventor, if any	Francis Paul BUXTON		
Inventor's signature		Date _	(day/month/year)
			(day/monany car)
Residence	Winchester, MA 01890, USA		
Citizenship	Great Britain		
Post Office Address	376 Highland Avenue Winchester, MA 01890 USA		

Full name of third joint inventor, if any	Pamposh GANJU		
Inventor's signature		Date _	
			(day/month/year)
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Inventor's signature	James Team Charles Nat	Date _	15/09/04 (day/month/year)
Residence	√ 4147 Aesch, Switzerland		
Citizenship	France		
Post Office Address	Traugott Meyer-Strasse 5 4147 Aesch Switzerland		
Full name of fifth joint inventor, if any	Chuanzheng SONG		
Inventor's signature		Date	
-		_	(day/month/year)
Residence	Southborough, MA 01772, USA		
Citizenship	China		
Post Office Address	11 Fiddleneck Lane Southborough, MA 01772 USA		

Residence

Citizenship

Post Office Address